

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: June 30, 2004

Inspector: Diana Walden

Location: Norwalk Substation Expansion

**Storm/
Rain Event** Approx. 0.33" of rain fell on 6/29 with only other traces of rain since the last inspection.

Areas of Inspection	Observation	Recommended Action
Access Roads	<ul style="list-style-type: none"> - Access roads are drying out and are still completely accessible. 6/30/04 - New Canaan Avenue is still free of tracked sediment 4/28-6/30/04 	<ul style="list-style-type: none"> - None at this time. Continue to monitor. 6/30/04 - None at this time. Continue to monitor. 6/30/04
Foundation construction	<ul style="list-style-type: none"> - Work on the control house is ongoing and walls are under construction. 6/18-6/30/04 - Work continues on the retaining walls including retaining wall #3 up near the control building. 6/30/04 - Excavation is underway to link the oil/sand separator and catch basin to the overflow channel. 6/30/04 - Work continues to remove the old tower components from the yard 6/30/04 	<ul style="list-style-type: none"> - The areas are well contained at this time. 6/30/04

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> - The silt fence remains in good shape with the exception of a few small, worn sections, one near the sediment basin outlet and another near wall#5 6/30/04 	<ul style="list-style-type: none"> - Continue to be proactive in silt fence repair and maintenance. - Restore the two worn sections of silt fence. 6/30/04
	<ul style="list-style-type: none"> - The hydroseeded area below the Route 7 ramp and above wall #4 continues to vegetate but is still fairly sparse. The regular seed area appears to have done better. 6/10-6/30/04. 	<ul style="list-style-type: none"> - Continue to monitor growth of vegetation and if needed, additional seed should be added. The haybale at the catch basin inlet can be removed. 6/30/04
	<ul style="list-style-type: none"> - A new concrete washout station has been constructed and is being used appropriately. A few washout spots were noted near the control building but everything is located well away from resource areas. 6/30/04 	<ul style="list-style-type: none"> - The main objective is to keep all washout water from resource areas and storm drains. The washout area is well positioned near the access road ramp. 6/30/04
	<ul style="list-style-type: none"> - The topsoil stockpile remains well contained along the retaining wall and fill activities continue to the east of wall #2. 6/30/04 	<ul style="list-style-type: none"> - The pile will continue to be used where necessary in areas to be grassed in the future and all soil is well contained. 6/30/04
	<ul style="list-style-type: none"> - Work in the overflow channel continues as the fabric liner and cobblestones are being placed in the northern portion. 6/30/04 - The cobblestones are being installed well and are including the shape of the meandering internal channel. 6/30/04 	<ul style="list-style-type: none"> - The channel is still separated from the river by the silt fence and the sheet piling. When the channel is complete, the cobblestones will be used to blend into the existing grade. 6/30/04 - There is no flow in this area at the time and it is likely the overflow channel can be connected to this area in dry conditions 6/30/04

Areas of Inspection	Observation	Recommended Action
	<ul style="list-style-type: none"> - Grass continues to grow and revegetate the repaired area below wall #5. 6/24-6/30/04 	<ul style="list-style-type: none"> -Continue to monitor for sufficient vegetative growth and future stabilization. 6/10-6/30/04
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<ul style="list-style-type: none"> - The silt fence is still well in place along the river with a few worn spots needing repair. 6/30/04 - The overflow channel is under construction and most areas are at grade. Cobblestones and the liner are being installed in the northern portion of the channel. 6/30/04. - The grate for the existing outlet on wall #5 has been installed. 6/30/04 	<ul style="list-style-type: none"> - Continue to monitor silt fence and repair as necessary, especially in portions closest to the river. - The area is well under control with little disturbed soil. It is likely that the connection to the river will occur in completely dry conditions within 1-2 weeks. Cobblestones will be used to blend into the existing river bed area. The channel is still holding some water with the exception of the where the cobbles are being placed. 6/24-6/30/04
<p>State species of concern, threatened and endangered species</p>	<ul style="list-style-type: none"> - No species of concern are located in this area of construction. 	<ul style="list-style-type: none"> - N/A
<p>Vegetative clearing limits (including trees to save or danger trees noted)</p>	<ul style="list-style-type: none"> - The recently repaired scoured area below wall #5 is experiencing growth of grass cover. 6/10-6/30/04 -Natural vegetation continues establish very well along the riverbank, on both sides of the silt fence. 6/30/04 - Some minor amounts of vegetation will be cleared to accommodate the overflow channel at the river. 6/24-6/30/04 	<ul style="list-style-type: none"> - The area will be monitored for cover. Future observations may find that a more significant root structure is needed here. 5/27-6/30/04 - If any areas still look sparse, some seed could be scattered. 6/30/04 - This will be kept to the lowest amount feasible. 6/24-6/30/04

Areas of Inspection	Observation	Recommended Action
Dewatering	- Dewatering activities are complete at this time.	-No actions required at this time.
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.
Spills	<p>- A small leak of hydraulic fluid from the Galion crane up near the route 7 ramp had been noted and the mechanic changed out a hose in an attempt to fix it. The majority was captured in a pail and absorbent pads were placed under the equipment but some additional fluid spilled during the repair. The soil in the area was then removed and disposed of. 6/30/04</p> <p>- The small oil drips from the off-site soil moving trucks were once again noted in the access road. The driver was informed. 6/30/04</p> <p>Various on-site equipment also had a few minor oil drips and there was a small gasoline spot as well. The soil/stone in these areas will be picked up. Machinery is getting maintained as problems are noted 6/30/04</p>	<p>- The contractors should remain vigilant about securing and handling fuel containers due to the sensitivity of the area</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis.</p> <p>- Report spills to the office immediately, even if they are being controlled.</p>
Additional Observations	- The D&M plan for the Plumtree substation has been approved and work could begin there in the next few weeks. Reports will continue in the same format. 6/3-6/30/04	

**Next likely scheduled
inspection:**

Thursday July 8, 2004

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden



The excavation has continued within the sediment basin to create the overflow channel. All areas are well contained at this time. 6/30/04



View of installation of liner and cobblestone in the northern end of the overflow channel. The meandering internal channel is being retained. 6/30/04



View of the completed portion of the cobblestone installation. This area is at grade and will be blended into the existing natural stone area adjacent to the river. 6/30/04



The grate had been installed at the outlet at wall #5 for safety reasons as well as to prevent debris from backing into the system. 6/30/04



Fill activities continue near walls #1 and 2 and a water tanker is being used to help compact the soil. 6/30/04



View of the new concrete washout area recently installed near the access road ramp. 6/30/04